| | DB | Time stamp |
|---------|---|---------------------|
| | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:40 |
| d or | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:40 |
| d or | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:41 |
| | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:51 |
| r d | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:52 |
| or | EPO; JPO; DERWENT | 2003/07/14 09:53 |
| d or | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 09:55 |

| L | Hits | Search Text | DB | Time stamp |
|--------|------|--|---|---------------------|
| Number | | | | |
| 1 | 14 | (385/53-94).ccls. and (vcsel or diode or transmitter or emitter or fiber) and array and (connector or align\$3) and (grating | USPAT; US-PGPUB; EPO; JPO; | 2003/07/14 09:40 |
| 2 | 97 | near5 substrate) (385/49,51,52,80,88,89,92,93,94).ccls. and (vcsel or diode or transmitter or emitter or | DERWENT USPAT; US-PGPUB; | 2003/07/14 09:40 |
| | | fiber) and array and grating and (glue or epoxy or adhesive or underfill or encapsulant) | EPO; JPO; DERWENT | |
| 3 | 166 | (385/49,51,52,80,88,89,92,93,94).ccls. and (vcsel or diode or transmitter or emitter or fiber) and array and grating | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:41 |
| 4 | 6 | (385/53-94).ccls. and (vcsel or diode or transmitter or emitter or fiber) and array and (connector or align\$3) and (grating near5 substrate) and ((through or thru or | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/07/14 09:51 |
| 5 | 26 | transparent or pass) near5 substrate) optic\$3 and (vcsel or diode or transmitter or emitter or fiber) and (encapsulat\$3 or capsulat\$3) and array and (connector or | USPAT; US-PGPUB; EPO; JPO; | 2003/07/14 09:52 |
| 6 | 36 | align\$3) and (grating near5 substrate) and ((through or thru or transparent or pass) near5 substrate) (grating near5 substrate) and (connect\$3 or | DERWENT EPO; JPO; | 2003/07/14 |
| 0 | 30 | align\$4 or encapsulat\$3) and (fiber or transmitter or vcsel) | DERWENT | 09:53 |
| 7 | 400 | (385/37,27,39,51,52,49,73,88,94).ccls. and (grating near5 substrate) and (connect\$3 or align\$4 or encapsulat\$3) | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 09:55 |
| 8 | 1125 | (385/37,27,39,51,52,49,73,88,94).ccls. and grating and substrate and (connect\$3 or align\$4 or encapsulat\$3) | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:49 |
| 9 | 1 | ("5011246").PN. | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:50 |
| 10 | 1 | ("6502999").PN. | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:50 |
| 11 | 1 | ("6074104").PN. | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:50 |
| 12 | 1 | "10011685" | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:50 |
| 13 | 0 | "10/011685" | USPAT; US-PGPUB; EPO; JPO | 2003/07/14 10:50 |